

10014727-121001

1. A method for killing organisms and removing of toxic substances from an enclosure, which comprises the steps of:

preparing an enclosure having an interior and an exterior for exposure to a high temperature gas by removing or protecting all heat sensitive items;

positioning a plurality of temperature indicating probes at predetermined locations in said enclosure;

providing at least one ingress duct communicating with said interior of said enclosure;

directing said heated gas into said enclosure through said at least one ingress ducts for a time sufficient to raise the temperature of said enclosure to said lethal temperature;

heating an environmentally acceptable gas to a temperature lethal to predetermined organisms;

monitoring the temperature from said probes;

recording said temperatures from said probes in real time;

establishing at least a slight positive pressure within said enclosure; and

venting said heated gas from said enclosure.

2. The invention as defined in claim 1 further the step of including at least one egress duct, communicating between said interior and said exterior of said enclosure.

3. The invention as defined in claim 2 further including

the step of filtering air passing through said egress duct through a filter to remove remains of said protein based organisms carried by said air.

4. The method according to claim 1 including the step of heating said enclosure to a temperature of at least about 120°F.

5. The method according to claim 1 further including the step of adding a predetermined quantity of ozone to said heated gas in said ingress duct.

6. The method according to claim 3 further including the step of applying a vacuum to an outlet of said egress duct to aid in extracting gas from said enclosure through said filter.

7. The method according to claim 1 wherein said gas is air.

8. The method according to claim 1 including the further step of connecting said temperature indicating probes to a console outside said enclosure for monitoring structure temperature.

9. The method according to claim 1 wherein said heated gas is vented from said enclosure through open doors and windows.

10. The method according to claim 1 including the additional step of verifying expected results.

11. A kit for use in killing organisms and removing toxic substances from an enclosure, which comprises:

at least one ingress duct for directing gas into an enclosure;

a plurality of temperature indicating probes for installation at predetermined locations in said enclosure;

means to heat an environmentally acceptable gas to a predetermined temperature that is lethal to predetermined organisms;

means for directing said gas through said ingress duct;

means for viewing the temperatures of said indicating probes;

means for recording the temperatures of said indicating probes in real time; and

means for removing remains of said organisms from said structure.

12. The kit according to claim 11 further including at least one egress duct for directing gas out of said enclosure.

13. The kit according to claim 11 further including filter means in said egress duct for removing remains of said organisms from gas from said structure passing through said egress duct.

14. The kit according to claim 11, further including means for generating ozone and adding said ozone to said gas passing through said ingress duct.

15. The kit according to claim 11 further including extraction means for extracting gas from said egress duct.

16. The kit according to claim 11 further including a console external to said enclosure for receiving and displaying temperatures sensed by said temperature indication probes.

17. The kit according to claim 11 further including a console external to said enclosure for receiving and recording in real time said temperatures sensed by said temperature indication probes.

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